Application/Control No. Applicant(s)/Patent under Reexamination Index of Claims 10/823,175 RUWART, MARY J. Examiner **Art Unit** Susan B. McCormick-Ewoldt 1654 (Through numeral)
Cancelled Rejected Non-Elected Appeal N Α 0 Allowed Restricted Interference Objected

Cla	aim	Date							חוו	 [Cls	Date							CI	aim_	Date											
								-	Claim				- Date							<u> </u>		Date										
ख	Original	50-61-9	9-36-05	1	1						H	급	Original					-					7	<u>a</u>			-1		1	1	1	
Final	ļģ.	5	12		1]]					H	Final	į			- 1		1					Final	gir								
"	õ	فرا	12	.[1	l l					1	ш.	ō						1	-			L.	Original	l				1			
		1	┿.	1-	₩	Н	$\vdash \vdash$	-	-	-41	⊪,			Ш	\dashv	\dashv	+	-	+	\dashv	_				Ц	\dashv		\bot	1	1	Ш	
-	1	H	1	╂	⊢	 	\sqcup	_	4	4	⊪,		51	Ш	Ц	4	4		\sqcup	_	Ц			101	Ш	\bot	ᆚ		\perp	\perp	Ш	
<u> </u>	2-	A	1	╄	ـ	Ш	\sqcup		4	_	:::		52	Ш	Ц	_	1		\bot	\Box	╝			102		\Box	\perp	\int	\perp			
<u> </u>	3	4	#	↓_	ــــ	Ш	Ш	\dashv	4	_			53	Ш	\perp	\perp			\Box	\Box	J	[103		$oldsymbol{ol}}}}}}}}}}}}}}}$	$oldsymbol{ol}}}}}}}}}}}}}}}$	I				_
<u></u>	4	Ц	Щ	上	<u> </u>	Ш	\Box			_			54									[104		Т	T	Т	Τ	T		
	5	Ц	Ш		1			L					55			П	П	Т		Т	\neg			105		\neg	┪	丅	┰	1	П	
	6		Ш					\neg		7:	[56			Т			П		\neg			106	ヿ	7	\top	十	\top	十	⇈	_
	7	Π	П	Г			T	$\neg \tau$	\neg	7	"		57			寸	一	┰	オ▔▋		ヿ	ľ		107	┪	十	_	+	╁	┰	↤	_
	8	П	Ħ				\neg	\neg	_	7	░		58	П	\neg	一	+	+-	╁╾╅	\dashv	\dashv			108	-	\dashv	+	+-	╁	┰	╁╾╁	_
	9	H	Ħ	1	⇈	П	\dashv	一	-	٦.	⊪		59	Н	+	\dashv	_	_	╂═╂	\dashv	ᅥ	.		109	\dashv	-		+-	╁	╂	┥	_
	10	H	Ħ	1	t^-	Н	\dashv	\dashv	+	-	ŀ		60	Н	\dashv	\dashv	╅	+-	╅╾┪	-	ᅱ	•		110	-	+		+-	+	+	\vdash	_
—	11	H	Ħ	\vdash	H	Н	\dashv	\dashv	-	-	⊪		61	Н	\dashv	+	+	+	╁╼╁	-+	\dashv				-+		+	+	╁┈	+-		
_	12	Н	╫	1	 	Н	\dashv	\dashv	+	-[ŀ	-		⊢	\dashv	+	+		╂┷┥	-+	\dashv			111	-		- -	4	+	+	⊢	
	13	Н	₩	┼	╌	Н	\dashv	\dashv	-	-	::: -		62	Н	\rightarrow	-	-	-	┦╌┤	-	4			112	_		_	ᆚ	1	┸		
<u> </u>	_	H	╂	╁	+	⊢⊢	\vdash	-+	+	- :	⊪		63	⊢⊢	\dashv		_	+	╀	4	_			113	_	_	┸	4	4	1_	Ш	
<u> </u>	14	H	#	├	⊢	Н	-		-	4	⊪,		64	Ш	\rightarrow	4	_	4	\sqcup	_	_			114		ᆚ		┸	丄			
 	15	$^{+}$	#	+		Ш		4		_ ∷]	65	Ш	\dashv	4	4	4_	\bot	_	_			115				\perp	\perp			
<u> </u>	16	4	V,		!	Ш		4	4	_	L		66	Ш	\sqcup	_			$oldsymbol{oldsymbol{\sqcup}}$		╝	[116			$oldsymbol{\mathbb{T}}$	I	$oldsymbol{\mathbb{L}}$	I^-	╚	_
ļ	17	Ц	V	_	—	Ш	Ц			╝	:::L		67	Ш		_[$oldsymbol{\perp}$	\Box				117		T	T	Т	Τ	Τ		
<u> </u>	-18-	Ц	L	1_	ــــ	Ш	$oldsymbol{ol{ol{oldsymbol{ol}}}}}}}}}}}}}}}}$			╝	iii[]	68			\Box	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$		\Box		J			118			\top	\top	Т			
	4	П	Ľ	L^{T}				\Box	T		ıſ		69	Π	\Box	T	T	T	П	丁	┑			119	\neg	\neg	\top	1	T	\top	П	
	-20	\prod	Ĺ	匚				_T	T		ı		70			\neg	\top	\neg	\sqcap	_	\dashv	:::: t		120	一	十	+	+	+	T	\vdash	_
	-21	T	Γ		Γ			\exists	T	7	ı		71	П	\neg	\dashv	\top	\top	1 1	_	٦,			121	7	十	+	+	+	╁	\vdash	-
	-22-	T	Г					寸	十	7	ı	\neg	72	М		╅	十	1	 	\dashv	\dashv			122	\dashv	\dashv	+	+	╁	+	 	
	-23	1	Π	Т		П		寸	\top	۱.	ı	\neg	73	Н	\dashv	\dashv	+	\top	╁┼	\dashv	\dashv	::: :		123	\dashv	+	+	+-	┿	+	\vdash	-
	-24	1	\vdash	T		\Box	\neg	+	\top	٦.	ij		74	\vdash	\dashv	-+	┰	+	╁╌┨	+	\dashv	}		124	-+	\dashv	+	+	╫	+-	$\vdash \vdash$	
\vdash	-25	+	1-	T	\vdash	\vdash		十	+	-	ıŀ		75	Н	-+	\dashv	+	+-	╁╌┨	\dashv	\dashv					-+	+	+	+-	┿	$\vdash \vdash$	_
— —	-26 -	+	┪	╁╌	\vdash	\vdash	-	\dashv	+	-	ŀ		76	\vdash	-+	+	+		╁┤	-	-			125			4	-	+	+-	Ш	
\vdash	27	+	 	╁	\vdash	H	-	-+	+	-	ŀ		77	$\vdash \vdash$	+	-	+		╀	-	-1			126	_	4	_	4	\perp	╀-	\sqcup	
\vdash	28	b	1-	-	H	\vdash	\dashv		+	-	ŀ			dash	-	+	+	+	₩	-+	_			127	_	4	4	4	┺	╀	Щ	
-	20	-	⊢	├-	⊢	-	4			4	-		78	-	_	4	4		\bot	—↓	_			128	_		\perp		┸		Ш	
$\vdash\vdash$		•	⊢	\vdash	Н	\vdash		\dashv	+	4	.		79	\sqcup	4	4	4	ֈ	1_1	_	_			129	┙	\perp	\perp	┸	L			
\vdash	30	_	!	 	Щ	\sqcup	_	4	4	_	Ļ		80	Ш	\dashv		┸	┷	╙	\perp		(130		$\Box \mathbb{I}$	\Box	$oldsymbol{ol}}}}}}}}}}}}}} $	Γ	oxdot		
$\vdash \vdash$	31		⊢	\vdash	Ш	Щ			_ _	_	ı.		81	Ш	ᆚ		\perp		Ш	\perp		[131	\Box	$\Box \Box$	J		Γ	Γ		
Щ	32		┞-	!	Ш	Ц		\perp	\perp	_	ijĹ	I	82	Ш	\prod		\bot		Ш	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$		Ξſ		132			T	T	Т	Т		
$\vdash \vdash$	33	_	\perp	<u> </u>	Ш			\perp		_	ijĹ		83		\Box	\Box	$oldsymbol{ol}}}}}}}}}}}}}} $			T		ı		133	\neg	\neg	\top	Τ	Т	T	П	
$ldsymbol{\sqcup}$	34		L		\Box	ot	\Box	\perp	$oldsymbol{ol}}}}}}}}}}}}}} $				84		_T	T		T	П	\top				134	7	_	\top	十	丅	1	\sqcap	
$oxed{oxed}$	35		Ĺ				╝	\Box			ijſ		85	T	\top	T	T	T	П	op		:::I*		135	7	\dashv	十	\top	\top	t	\vdash	
	36				П	\neg	一	\neg	T	7!!!	ır	$\neg \uparrow$	86	\Box	\dashv	十	十	\top	1 1	7	٦	iii b		136	一†	\dashv	+	+	+	+	\vdash	-
	37		Γ		П		\neg	\dashv	\top	7	ŀ۲		87	\vdash	\dashv	\dashv	\top	1	1 1	+	-	⊪ŀ		137	⇥	+	┰	+	┿	╁	\vdash	-
	38		Г	Г	П	\dashv	7	\dashv	+		ij۲		88	\dashv	\dashv	┰	+	+	╅┪	+	-	⊪	_	138	-+	+	+-	╁	┿	╀	$\vdash \vdash$	-
\Box	39		Г	Т	П	7	_	\dashv	+	1	ij۲		89	\dashv	\dashv	十	- -	+	╅	+	-	⊪		139	+	+	┿	+	╁╌	+	$\vdash \vdash$	-
\vdash	40	-	Ι-	1	Н	-	\dashv	\dashv	+	-	ᆘ	- 	99	\dashv	\dashv	╁	┿	+	 	+	\dashv	⊪			\dashv	+	+	+	+	╀	${oldsymbol{arphi}}$	_
\vdash	41		Ι-	\vdash	Н		\dashv	\dashv	+	-	ŀ		91	+	+	+	- -		╁╌╂	-	-	⊪		140	-	-	4	+	+	↓	$\vdash \downarrow$	_
$\vdash \dashv$	42	_	\vdash			ᆉ	-+	+	+	-	╟		_	-	+	+	+	╁	₩	+	-4	⊪.		141	_	\bot	_	+	┺	 _	Ш	Ц
 	43	_	├	⊢	\vdash		\dashv	┿	+	-	⊪		92	\dashv	+	4	+	+	₩	4	4	⊪.		142	4	_↓	4	\bot	┺	$oldsymbol{oldsymbol{\perp}}$	oxdot	
		_	\vdash	-	Н		-+	+	+	-	‼ -		93	\dashv	4	4	\bot		₩	4	_	 L		143	4		丄	\perp	上	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	\sqcup	
┝─┤	44	_	H	 -	Н	-	-+	4	-	4	ŀ		8		\dashv	4	4	4	$\sqcup \downarrow$	4	_	iiiL		144	\perp	\bot	\perp	⊥	\Box	L^{T}		
┝╼┥	45	_	L	-	Щ	_	4	4	4	╝	L		95	┙	_		L		Ш	\perp		[145	\Box	$\Box \Gamma$	\Box	Γ				
igspace	46.		L.	 	Щ		_		_	╝	ij,		96						ப	$oxed{oxed}$	_]:	Шſ		146	Τ	Т	Т	Т	Г			\neg
	47		_	Ш	Ш	\perp			\perp	╝	ijĽ		97	\Box	$oldsymbol{\mathbb{I}}$	$oldsymbol{\Gamma}$	$oldsymbol{ol}}}}}}}}}}}}} $	\mathbf{I}^{-}		Т	7	빼┌		147	\neg	\neg	\top	7	Τ	1	\vdash	\exists
لـــــــا	48				ot			$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$	$oldsymbol{\mathbb{I}}$]!!!	ijſ		98	T	Т	Т	T	T		Т	7	t		148	十	十	╅	†	1-	1	\vdash	┪
	49						T	Т	Т	78	ľ		99		丁	7	+	十	\Box	\top	٦.	빼	$\neg \neg$	149	\dashv	+	+-	+-	†-	\vdash	\vdash	\dashv
	50					\neg	T	7	\top	۱	-		100	\neg	\top	Ť	+	+		\dashv	٦.	-	-1	150	\dashv	┰	╅	┿	╆	╁╌┤	\dashv	⊣
		_	_	_	_		_				_			_			_ 1_		. 1		- 13									1		